Route & File in
ACT/027/002
JWS

January 30, 1979

Mountain Maid

Reference:
Perlite Mine
Millard County
Mountain Maid

State of Utah
Dept. of Natural Resorces
Division of Oil, Gas & Mining
1588 W. No. Temple
S. L. C., Ut. 84116

Gentlemen,

Attached is a copy of the various test we are requesting to rule M-10.
This request is pending your recommendation.

Yours truly,

Tom W. Bergman

Tom W. Bergman
Plant Mang.

TWB/ah

RECEIVED
JAN 31 1979

FILLMORE, UTAH 84631 (801) 743-5733

SOIL TESTING LABORATORY
Utah State University UMC 48
Logan, Utah 84322

#3031-26
PAID

Location of land: County MILLARD
Nearest town KANOSH
Direction and miles from town 38 Mi West
Source of water: Well ☐
Name stream or canal none
Irrigation method: Sprinkle ☐ Furrow ☐ Flood ☐ none

Special problems:
MINING RECLAMATION

Date: SEPT 21ST 1978

Your mailing address:
MOUNTAIN MAID INC
Name
150 WEST INDUSTRIAL WAY
Street or RFD
FILLMORE, UTAH 84631
City State Zip

☐ Dry Farm
☐ Range Land
☐ Irrigated Farm — ☐ Water ample / ☐ Water limited
☐ Garden
☐ Lawn

Send extra copy of results to:
Jim Smith Div. Oil, Gas & M
1588 W. North Temple SLC

CROP TO BE GROWN 19____

Sample No.	Sample Depth	Acres	Crop	Yield Goal*	Manure to be Applied tons/A	Next Crop 19____
#1	8"					
#2	8"					
#3	8"					
#4	8"					
#5	8"					
#6	8"					

*Use realistic yield goals for your conditions.

Test Desired

CROP AND FERTILIZER HISTORY (2 Years)

CROP LAST GROWN 19____ Crop	Yield	Fertilizer Applied Amount/A	Fertilizer Applied Kind	Was Stubble removed?	Crop 2 Years Ago 19____

* (A, B, C. etc. See price list)

Hay or Pasture Composition (Check one)

Alfalfa	All grass	Mixtures 1/3 Legume	Mixtures 2/3 Legume

THESE SAMPLES ARE for RECOMMENDATIONS for RECLAMATION OF MOUNTAIN MAIDS PERLITE MINE.

Number of subsamples mixed together to form each sample listed above ____
SINGLE SAMPLES

Send samples prepaid by parcel post or express to the address above.
Send this Description Form and check payable to the Soil Testing Laboratory.
Payment enclosed $ 24.00

TEST #1 FERTILITY PH SALINITY phosphorus, NOT Tex Lime

SOIL TESTING LABORATORY
Utah State University UMC 48
Logan, Utah 84322

SOIL TEST REPORT
and
FERTILIZER RECOMMENDATIONS

Date received 9/25/78

Payment received $24.00

Balance due $0

Name Mountain Maid Inc.

Street 150 W. Industrial Way

City, State Fillmore, Utah 84631
ZIP

Your USU Extension Agent Jim Bushnell
Fillmore, Utah

LABORATORY REPORT

Lab. No.	Sample No.	Crop	Soil Texture (Estimated)	Lime	pH	Soluble Salts EC_e	Organic Matter %	Plant Nutrient Index			
								Nitrate ppm N	Phosphorus ppm P	Potassium ppm K	
3021	1		Sand	++	9.3	.6			.8	196	
3022	2		Loamy Sand	++	8.5	.5			8.7	236	
3023	3		Sand	++	9.2	.4			2.2	84	
3024	4		Loamy Sand	++	8.3	.6			8.8	116	
3025	5		Sand	++	8.7	.4			2.2	63	
3026	6		Loamy Sand	++	9.1	1.2			9.6	>320	

ATTENTION GROWERS

These fertilizer recommendations are based on the soil analysis results, the information you supplied on the Description sheet, and on the average growing season for your area. They are guides developed from the best available scientific data, but may require some modification for your specific situation. Consult your Extension Agent for more details.

Remember that a high yield goal can be attained only when proper fertilization is used in combination with crop production management and climatic conditions consistent with that yield goal.

USU POLICY

It is the policy of the USU Soil Testing Laboratory to recommend only those nutrients that offer a reasonable possibility of increasing the yield of your crops, and in those amounts that should be necessary to achieve your yield capability. Ranges of nutrients are sometimes given, to permit some farm operator judgement.

FERTILIZER RECOMMENDATIONS FOR 19 79 CROP

Sample No.	Pounds of Nutrient per acre				* Special Notes
	Nitrogen (N)	Phosphorus (as P_2O_5)	Potassium (as K_2O)	Other	
	SEE ATTACHED NOTE				

*See referenced notes on the back of this sheet for explanations and special instructions.

$P_2O_5 \times .45 = P$

$K_2O \times .82 = K$

Unit 48

Supplemental Information

low?

Texture: Very water-holding capacity. Soils will be droughty.

pH: Unusually high in all but No. 4, indicating high % sodium. Probably not serious.

Salts: All OK

Phosphorus: Add P fertilizer to 1, 3, 5. Others OK.

Potassium: Nos. 3 and 5 marginal to low. There may be a benefit from adding some K to these.

Consult appropriate experts for selection of species of plants adapted to climate, elevation, etc.